

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/562,627
Source: 1Fwp
Date Processed by STIC: 1/10/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/562,627</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <u>J</u> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <u>J</u> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <u>J</u> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 <u>J</u> Non-ASCII	The submitted file was not saved in ASCII(DOS) text , as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <u>J</u> Variable Length	Sequence(s) <u> </u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <u>J</u> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <u> </u> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <u>J</u> Skipped Sequences (OLD RULES)	Sequence(s) <u> </u> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <u>J</u> Skipped Sequences (NEW RULES)	Sequence(s) <u> </u> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <u>J</u> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <u>J</u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <u>J</u> Use of <220>	Sequence(s) <u> </u> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <u>J</u> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <u>J</u> Misuse of n/Xaa	"n" can only represent a single nucleotide ; "Xaa" can only represent a single amino acid	



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/562,627

DATE: 01/10/2006
TIME: 09:00:14

Input Set : N:\DA\PTO.DA.txt
Output Set: N:\CRF4\01102006\J562627.raw

3 <110> APPLICANT: CHOE, Mu-Hyeon
4 CHOI, Seong-Hyeok
5 LEE, Yong-Chan
6 KWON, Hye-Won
7 WON, Jae-Seon
8 YU, Mi-Hyun
9 SONG, Jeong-Hwa
10 KIM, Yong-Jae

ppr 1-5
Does Not Comply
Corrected Diskette Needed

see item 2 on Error Summary Sheet

12 <120> TITLE OF INVENTION: The Dimer of Chimeric Recombinant Binding Domain-Functional Group

13 Fusion formed via Disulfide-bond-bridge and The Process For Producing The Same

15 <130> FILE REFERENCE: 428.1060

C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/562,627

C--> 17 <141> CURRENT FILING DATE: 2005-12-22

17 <150> PRIOR APPLICATION NUMBER: PCT/KR2004/001595

18 <151> PRIOR FILING DATE: 2004-06-30

20 <150> PRIOR APPLICATION NUMBER: KR2003-0043599

21 <151> PRIOR FILING DATE: 2003-06-30

23 <160> NUMBER OF SEQ ID NOS: 12

25 <170> SOFTWARE: KopatentIn 1.71

27 <210> SEQ ID NO: 1

28 <211> LENGTH: 1749

29 <212> TYPE: DNA

30 <213> ORGANISM: pMC74 plasmid coding sequence

32 <400> SEQUENCE: 1

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35 ctctcctgtg	caacctctgg	attcactttc	agtgactatt	acatgtattt	ggttcgccag	120
37 actccagaga	agaggctgga	gtgggtcgca	tacattagta	atgatgatag	ttccggcgct	180
39 tattcagaca	ctgtaaagggg	ccgggtcacc	atctccagag	acaatgccag	gaacaccctc	240
41 tacctgcaaa	tgagccgtct	gaagtctgag	gacacagcca	tatattcctg	tgcaagagga	300
43 ctggcctggg	gagcctgggt	tgcttactgg	ggccaaggga	ctctggtcac	tgtctctgca	360
45 gccaaaacga	caccccccattc	tgtctatcca	ctggccctg	gatctgctgc	ccaaactaac	420
47 tccatggtga	ccctgggatg	cctggtcaag	ggctatttcc	ctgagccagt	gacagtgacc	480
49 tggaaactctg	gatccctgtc	cagcgggtgt	cacaccttcc	cagctgtct	gcagtctgac	540
51 ctctacactc	tgagcagtc	agtgactgtc	ccctccagca	cctggccctag	cgagaccgtc	600
53 acctgcaacg	ttgcccaccc	ggccagcagc	accaagggtgg	acaagaaaat	tgtgcccagg	660
55 gattgtggta	gtaaggcttag	cataagtaca	aaagcttccg	gaggtccoga	ggggggcagc	720
57 ctggccgcgc	tgaccgcgc	ccaggcttgc	cacctgccgc	tggagacttt	cacccgtcat	780
59 cgccagccgc	gccccgtggaa	acaactggag	cagtgcggct	atccggtgca	gcggctggtc	840
61 gccctctacc	tggccgcgc	gctgtcgtgg	aaccaggatcg	accaggatgtat	ccgcaacgccc	900
63 ctggccagcc	ccggcagcgg	ccggcgcacctg	ggcgaagcga	tccgcgagca	gccggagcag	960
65 gcccgtctgg	ccctgaccct	ggccgcgcgc	gagagcgcgc	gcttcgtccg	gcagggcacc	1020
67 ggcacacg	aggccggcgc	ggccaacggc	ccggcggaca	gcggcgacgc	cctgctggag	1080
69 cgcaactatc	ccactggcgc	ggagttcctc	ggcgcacggcg	gacgtcag	cttcagcacc	1140

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73	cgccggctatg	tgttcgtcgg	ctaccacggc	accttcctcg	aagcggcgca	aagcatcgtc	1260
75	ttcggcggggg	tgcgcgcg	cagccaggac	ctcgacgca	tctggcgccg	tttctatatc	1320
77	gccggcgatc	cgccgcgtgc	ctacggctac	gcccaggacc	aggaacccga	cgcacccgccc	1380
79	cgatccgca	acgggtcccc	gtcgccggtc	tatgtccgc	gtcgagcct	gccgggcttc	1440
81	tacccgcacca	gcctgaccc	ggccgcgcgg	gaggccgggg	gcgaggtcga	acggctgatc	1500
83	ggccatccgc	tgccgcgtcg	cctggacgccc	atcaccggcc	ccgaggagga	aggccggcgc	1560
85	ctggagacca	ttctcggtcg	gccgctggcc	gagcgcaccc	tggtgattcc	ctcgccgatc	1620
87	cccaccgacc	cgcgcaacgt	cggcgccgac	ctcgacccgt	ccagcatccc	cgacaaggaa	1680
89	caggcgatca	gcccctgccc	ggactacgccc	agccagcccc	gcaaaccgccc	gcccggaggac	1740
91	ctgaagtaa						1749
94	<210>	SEQ ID NO: 2					
95	<211>	LENGTH: 1764					
96	<212>	TYPE: DNA					
97	<213>	ORGANISM: pmh21	plasmid coding sequence				
99	<400>	SEQUENCE: 2					
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102	ctctcctgtg	caacctctgg	attcaacttc	agtactatt	acatgtattt	ggtcgcgcag	120
104	actccagaga	agaggctgga	gtgggtcgca	tacatttagt	atgtatgtat	ttccgcgcgt	180
106	tattcagaca	ctgtaaaggg	ccgggttacc	atctccagag	acaatgcgcag	gaacaccctc	240
108	tacccgtcaaa	tgagccgtct	gaagtctgag	gacacagcca	tatattcctg	tgcaagagga	300
110	ctggcctggg	gagcctgggtt	tgcttacttgg	ggccaaaggga	ctctggtcac	tgtctctgca	360
112	gccaaaacga	caccccccattc	tgtctatccca	ctggccctgt	gatctgtcgc	ccaaactaac	420
114	tccatggta	ccctgggatg	cctggtcaag	ggctatttcc	ctgagccagt	gacagtgacc	480
116	tggaaactctg	gatccctgtc	cagcggtgt	cacacccattc	cagctgtct	gcagtctgac	540
118	ctctacactc	tgagcagctc	agtactgtc	ccctccagca	cctggccctag	cgagaccgtc	600
120	acctgcaacg	ttgcccaccc	ggccagcagc	accaagggtgg	acaagaaaat	tgtccccagg	660
122	gattgtggta	gtaaaggcttg	cataagtaca	aaagcttctg	gtgggtggccg	atctggaggt	720
124	cccgaggccg	gcagcctggc	cgcgctgacc	gcccaccagg	cttgcaccc	gcccgtggag	780
126	acccatccccc	gtcatcgcca	ggccgcgcggc	tggaaacaac	tggagcagtg	cggttatccg	840
128	gtgcagcggc	ttgtcgccct	ctacctggcg	gcccggctgt	cgtggaaacca	ggtcgaccag	900
130	gtgatccgca	acgccttggc	cagccccggc	agcggcgccg	acctggccga	agcgatccgc	960
132	gaggcggccgg	agcaggcccc	tctggccctg	accctggccg	ccgcccggag	cgagcgcttc	1020
134	gtccggcagg	gcacccggcaa	cgacggggcc	ggccggccca	acggcccccgc	ggacagcggc	1080
136	gacgccttc	tggagcgc	ctatcccaact	ggccggaggt	tcctcgccga	cgccggccgac	1140
138	gtcagcttca	gcacccgggg	cacgcagaac	tggacgggt	agcggctgt	ccaggcgcac	1200
140	cgcccaactgg	aggagcggcgg	ctatgtgttc	gtcggttacc	acggcacctt	cctcgaagcg	1260
142	gcccggcagg	tcgttccgg	cggggtcgcc	gcccggcaggcc	aggacccatcg	cgcgatctgg	1320
144	cgccgtttct	atatcgccgg	cgatccggcg	ctggccctacg	gctacccca	ggaccaggaa	1380
146	cccgacgcac	gcccgggat	ccgcaacgt	gcccgtctgc	gggtctatgt	gcccgcgtcg	1440
148	agccgtccgg	gttttacccg	caccaggctg	accctggccg	cgccggaggc	ggccggccgag	1500
150	gtcgaacggc	tgatcgccca	tccgctggcg	ctgcgcctgg	acgccatcac	cgccccccgag	1560
152	gaggaaggccg	ggccgcctgg	gaccatttcc	ggctggccgc	tggccgagcg	caccgtggtg	1620
154	atccctcggt	cgatccccac	cgacccggcgc	aacgtcgccg	gcccgtccagc	cccgtccagc	1680
156	atccccggaca	aggaacaggc	gtcagcggcc	ctgcggact	acgcccggcca	gcccggccaaa	1740
158	ccggccggcg	aggacctgaa	gtaa				1764
161	<210>	SEQ ID NO: 3					
162	<211>	LENGTH: 1749					
163	<212>	TYPE: DNA					

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164 <213> ORGANISM: pCE2 plasmid coding sequence

166 <400> SEQUENCE: 3

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169 ctctcctgtg	caacotctgg	attcaacttc	agtactatt	acatgtatttgc	ggtcgcacag	120
171 actccagaga	agaggctggaa	gtgggtcgca	tacatttagta	atgatgatag	ttccgcgcgt	180
173 tattcagaca	ctgtaaagggg	ccgggttccacc	atctccagag	acaatgccag	gaacaccctc	240
175 tacctgc当地	tgagccgtct	gaagtctgag	gacacagcca	tatattcctg	tgcaagagggaa	300
177 ctggcctggg	gagcctgggtt	tgcttactgg	ggccaaaggga	ctctggtcac	tgtctctgca	360
179 gccaaaacga	caccccccattc	tgtctatcca	ctggccctgt	gatctgtgc	ccaaactaac	420
181 tccatggta	ccctgggatg	cctggtaag	ggctatttcc	ctgagccagt	gacagtgacc	480
183 tggaaactctg	gatccctgtc	cagcgggtgt	cacacccattc	cagctgtcct	gcagtctgac	540
185 ctctacactc	tgagcagctc	agtactgtc	ccctccagca	cctggccag	cgagaccgtc	600
187 acctgcaacg	ttgcccaccc	ggccagcagc	accaagggtgg	acaagaaaat	tgtgcccagg	660
189 gattgtggta	gtaaggcttg	cataagtaca	aaagcttccg	gaggtcccga	gggcggcagc	720
191 ctggccgcgc	tgaccgcgc	ccaggcttgc	cacccgtccgc	tggagactt	cacccgtcat	780
193 cgccagccgc	gcccgtggaa	acaactggag	cagtgcggct	atccgggtca	gcccgtggc	840
195 gccccttacc	tggcggcgcgc	gctgtcggt	aaccaggctg	accagggtat	ccgcaacgc	900
197 ctggccagcc	ccggcagcgg	ccggcgcaccc	ggcgaagcga	tccgcgagca	gcccggagcag	960
199 gcccgtctgg	ccctgaccct	ggccgcgc	gagagcggc	gttcgtccg	gcagggcacc	1020
201 ggcaacga	aggccggcgc	ggccaaacggc	ccggcggaca	gcccgcacgc	cctgtggag	1080
203 cgcaactatc	ccactggcgc	ggagttccctc	ggcgcacggc	gcccgcacgc	cttcagcacc	1140
205 cggcgcacgc	agaactggac	ggtggagcgg	ctgtccagg	cgccaccgc	actggaggag	1200
207 cggcgcacgc	tgttgcgtgg	ctaccacggc	accccttc	aaggccgc	aagcatcg	1260
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211 gcccgcgatc	cgccgcgtgc	ctacggctac	gcccaggacc	aggaaccgc	cgcacgcggc	1380
213 cggatccgc	acgggtccct	gctgcgggtc	tatgtgcgc	gtcgaggct	gccccgggttc	1440
215 taccgcacca	gcctgaccct	ggccgcgcgc	gaggcggcgg	gcccgcacgc	acggctgatc	1500
217 ggcgcgcgc	tgcgcgcgc	cctggacgc	ataccggcc	ccgaggagga	aggcggcgc	1560
219 ctggagacca	ttctcggtcg	gcccgcgcgc	gagcgcaccc	tggtgattt	ctccggcgc	1620
221 cccaccgcacc	cgccgcacac	ccggcggcgc	ctcgaccct	ccagcatccc	cgacaaggaa	1680
223 caggcgcata	gcccgcgcgc	ggactacgc	agccagcccg	gcaaaaccgc	gcccgcaggac	1740
225 ctgaagtaa						1749
228 <210> SEQ ID NO: 4						
229 <211> LENGTH: 672						
230 <212> TYPE: DNA						
231 <213> ORGANISM: <u>pMC75 plasmid coding sequence</u>						
233 <400> SEQUENCE: 4						
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236 tccatctctt	gcagatctgt	tcagatcatt	gtacatagta	atggaaacac	ctatattagaa	120
238 tggtaacctgc	agaaaccagg	ccagtctcca	aagcttccgt	tctacaaat	ttccaaaccgc	180
240 ttttctgggg	tcccacacag	gttcgttgc	agtggatc	ggacagat	cacactcaag	240
242 atcagcagag	tggaggctga	ggatctggga	gttttatttgc	gtttcaagg	ttcacatgtt	300
244 ccattcacgt	tccgcgtgg	gacaaagggttgc	gaaataaaac	gggctgtatgc	tgcaccaact	360
246 gtatccatct	tcccacccatc	cagtgcgcac	ttaacatctg	gaggtgcctc	agtcgtgtgc	420
248 ttcttgcacca	acttotaccc	caaagacatc	aatgtcaat	ggaagatgt	tggcgtgtgaa	480
250 cgacaaaatg	gcgttgcaccc	cagttggact	gatcaggaca	gcaaaagacag	cacccatc	540
252 atgagcgcac	ccctcacgtt	gaccaaggac	gagttatgaa	gacataacag	ctataccgt	600
254 gaggccactc	acaagacatc	aacttcaccc	attgtcaaga	gcttcaacag	gaatgagtgt	660
256 ggtaaagttt	aa					672

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Output Set: N:\CRF4\01102006\J562627.raw

259 <210> SEQ ID NO: 5
 260 <211> LENGTH: 2454
 261 <212> TYPE: DNA
 262 <213> ORGANISM: pLSC52 plasmid coding sequence
 264 <400> SEQUENCE: 5

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269 actccagaga	agaggctgga	gtgggtcgca	tacatttagta	atgatgatag	tcccgccgct	180
271 tattcagaca	ctgtaaaaggg	ccgggttccacc	atctccagag	acaatgccag	gaacaccctc	240
273 tacctgcaaa	tgagccgtct	gaagtcttag	gacacagcca	tatattcctg	tgcaagagga	300
275 ctggcctggg	gaggctgggtt	tgcttacttgg	ggccaaaggga	ctctggtac	tgtctctgca	360
277 gccaaaacga	caccccccattc	tgtctatcca	ctggcccttg	gatctgtgc	ccaaactaac	420
279 tccatggtga	ccctgggatg	cctggtcaag	ggcttatttcc	ctgagccagt	gacagtgacc	480
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283 ctctacactc	tgagcagctc	agtgactgtc	ccctccagca	cctggccctag	cgagaccgtc	600
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305 accacgcctc	ccgtgttgg	ctccgacggc	tccttcttcc	tctacagcaa	gctcaccgtg	1260
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313 ggcgaccagg	tttgcaccc	ggcgctggag	actttcaccc	gtcatcgcca	ggcgccggcg	1500
315 tgggaacaac	tggagcagt	cggttatcc	gtgcagcggc	tggtcgcct	ctacctggcg	1560
317 ggcgcccgt	cgtggaaacca	ggtcgaccag	gtgatccgca	acgcctggc	cagccccggc	1620
319 agcggccggc	acctgggcga	agcgatccgc	gagcagccgg	agcaggcccg	tctggccctg	1680
321 accctggccg	ccgcccggag	cgagcgcttc	gtccggcagg	gcaccggcaa	cgacgaggcc	1740
323 ggcgcccggca	acggcccccggc	ggacagcgcc	gacgcccctgc	tggagcgcaa	ctatcccact	1800
325 ggcgcccggat	tcctcgccga	ggcgccggc	gtcagcttca	gcacccggcg	cacgcagaac	1860
327 tggacgggtgg	agcggctgt	ccaggcgac	cgccaaactgg	aggagcgccg	ctatgtgttc	1920
329 gtggctacc	acggcacctt	cctcgaagcg	gwgccaaagca	tgcgttctcg	cggggtgcgc	1980
331 ggcgcccggcc	aggacctcga	cgcgatctgg	cgcggttct	atatcgccgg	cgatccggcg	2040
333 ctggccctacg	gctacgccc	ggaccaggaa	cccgacgcac	gcccggat	ccgcaacgg	2100
335 gcccgtgtc	gggtctatgt	ggccgtctcg	agcctggccgg	gtttctaccg	caccagcctg	2160
337 accctggccg	cgccggaggc	ggcggggcgag	gtcgaacggc	tgatcgcca	tccgctggcg	2220
339 ctgcgcctgg	acgcacatcac	cgccccccgg	gaggaaggcg	ggcgccctgga	gaccatttctc	2280
341 ggctggccgc	tggccgagcg	caccgtgggt	attccctcg	cgatccccac	cgacccggc	2340
343 aacgtcggcg	gcaacactcga	cccggtccagc	atccccgaca	aggaacaggc	gatcagcgcc	2400
345 ctgcggact	acgcacagcca	gccccggaaa	ccgccccggcg	aggacctgaa	gtaa	2454
348 <210>	SEQ ID NO: 6					
349 <211>	LENGTH: 1233					
350 <212>	TYPE: DNA					

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/562,627

DATE: 01/10/2006
TIME: 09:00:14

Input Set : N:\DA\PTO.DA.txt
Output Set: N:\CRF4\01102006\J562627.raw

351 <213> ORGANISM: pKL4 plasmid coding sequence
353 <400> SEQUENCE: 6

354	atgcataccatca	cgatgtgaag	ctggaggagg	cttagtgcag	60
356	cctggagggt	ccctgaaact	ctcctgtgca	acctctggat	120
358	atgtatttggg	tccgcacagac	tccagagaag	aggctggagt	180
360	gatgatagtt	ccgcgcctta	tccagacact	gtaaagggcc	240
362	aatgccagga	acaccctcta	cctgcaaata	agccgtctga	300
364	tattcctgtg	caagaggact	ggcctgggga	gcctgggttg	360
366	ctggtaactg	tctctgcagc	aaaaacgaca	cccccatctg	420
368	tctgctgcc	aaactaactc	catggtacc	ctggatgcc	480
370	gagccagtga	cagtgacctg	gaactctgga	tccctgtcca	540
372	gctgtctgc	agtctgac	ctacactctg	agcagctcag	600
374	tggcccagcg	agaccgtcac	ctgcaacgtt	gcccacccgg	660
376	aagaaaattt	tgcccaggga	ttgtggtgct	aagccttgc	720
378	ggtggcgat	ctggagggtgg	cggaagcgga	ggtcccgggg	780
380	aagtggatc	agaagggtat	ggacattgcc	tatgaggagg	840
382	ggtgggttgc	ctattggcg	atgtcttata	aataacaaag	900
384	ggtcacaaca	tgagatttca	aaaggatcc	gccacactac	960
386	aaaaactgtg	ggagattaga	ggcCAAAGTG	tacaaaagata	1020
388	tctccatgcg	acatgtgtac	aggtgccatc	atcatgtatg	1080
390	ggtgagaacg	ttaatttcaa	aagtaagggc	gagaaaatatt	1140
392	gttgggttg	ttgacgatga	gaggtgtaaa	aagatcatga	1200
394	cctcaggatt	ggtttgaaga	tattggtgag	tag	1233
397	<210> SEQ ID NO: 7				
398	<211> LENGTH: 4871				
399	<212> TYPE: DNA				
400	<213> ORGANISM: pMC74 plasmid full sequence				
402	<400> SEQUENCE: 7				
403	taatacgtact	cactataggg	agaccacaac	ggttccctc	60
405	ttaagaagg	agatatacat	atggatgtga	agctgggtgg	120
407	agcctggagg	gtccctgaaa	ctctcctgtg	caaccctctgg	180
409	acatgtattt	ggttccag	actccagaga	agaggctgg	240
411	atgatgatag	ttccggcgct	tattcagaca	ctgtaaagg	300
413	acaatgccag	gaacaccctc	tacctgaaa	tgagccgtct	360
415	tatattcctg	tgcaagagga	ctggcctggg	gaggctgg	420
417	ctctggtcac	tgtctctgca	gccaaaacga	caccccccatt	480
419	gatctgtgc	ccaaactaac	tccatggta	ccctgggatg	540
421	ctgagccagt	gacagtgacc	tggaactctg	gatccctgtc	600
423	cagctgtcct	gcagtcgtac	ctctacactc	tgagcagctc	660
425	cctggccca	cgagaccgtc	acctgcaacg	ttgcccaccc	720
427	acaagaaaat	tgtccccagg	gattgtggta	gtaaagcttag	780
429	gaggtcccg	gggcggcagc	ctggccgcgc	tgaccgcgc	840
431	tggagactt	cacccgtcat	cgccagccgc	gcccgtgg	900
433	atccgggtca	gcccgtgg	gccccttacc	tggccgcgc	960
435	accaggtat	ccgcaacg	ctggccagcc	ccggcagcgg	1020
437	tccgcgagca	gcccggagc	gcccgtctgg	ccctgacc	1080
439	gcttcgtcc	gcaggggacc	ggcaacgac	aggccggcgc	1140
441	gcccgcacgc	cctgctggag	cgcaactatc	ccactggcgc	1200
443	gcgacgtcag	ttcagcacc	cgccggcagc	agaactggac	1260

FYI

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,627

DATE: 01/10/2006

TIME: 09:00:15

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\01102006\J562627.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date